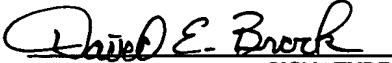


<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 3462.1015-000
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/552178</b>
INTERNATIONAL APPLICATION NO. PCT/JP03/04458	INTERNATIONAL FILING DATE 08 April 2003 (08.04.2003)	EARLIEST PRIORITY DATE CLAIMED 08 April 2003 (08.04.2003)
<b>TITLE OF INVENTION</b> <b>METHOD OF DEFINING THE DIFFERENTIATION GRADE OF TUMOR</b>		
<b>APPLICANT(S) FOR DO/EO/US</b> Masaaki Oka, Yoshihiko Hamamoto, Norio Iizuka, Hisafumi Okabe and Kenji Hamada		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li><input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li><input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> is attached hereto.</li> <li><input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> have been communicated by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li><input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li><input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input checked="" type="checkbox"/> A preliminary amendment. (5 pages)</li> <li><input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li><input checked="" type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li><input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li><input checked="" type="checkbox"/> Other items or information: PCT Published Application with International Search Report; Information Concerning Elected Offices Notified of their Election (PCT/IB/332); Notification of Receipt of Demand for IPE (PCT/IPEA/402); Written Opinion (PCT/IPEA/408); and Notification of Transmittal of International Preliminary Examination Report (IPER) (PCT/IPEA/416) and IPER (PCT/IPEA/409).</li> </ol>		

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER		
<b>10/552178</b>	PCT/JP03/004458	3462.1015-000		
The following fees have been submitted		<b>CALCULATIONS PTO USE ONLY</b>		
21. [ X ] Basic national fee (37 CFR 1.492(a)) . . . . . \$300			\$300	
22. [ X ] Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) . . . . . \$0 All other situations . . . . . \$200		\$200		
23. [ X ] Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) . . . . . \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority. . . . . \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB. . . . . \$400 All other situations . . . . . \$500		\$400		
<b>TOTAL OF 21, 22 and 23 =</b>		\$900		
[ X ] Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	
57 - 100 =	0 /50 =	0	x \$250	\$0
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	15 - 20 =	0	x \$50	\$0
Independent claims	4 - 3 =	1	x \$200	\$200
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$1,100		
[ ] Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.		\$		
<b>SUBTOTAL =</b>		\$1,100		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		+	\$	
<b>TOTAL NATIONAL FEE =</b>		\$1,100		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+	\$	
<b>TOTAL FEES ENCLOSED =</b>		\$1,100		
		Amount to be refunded:	\$	
		Amount to be charged:	\$	

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<b>10/552178</b>	PCT/JP03/004458	3462.1015-000
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$1,100 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 08-0380 in the amount of \$[ ] to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A duplicate copy of this sheet is enclosed.</p>		
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</b></p>		
<p>SEND ALL CORRESPONDENCE TO:</p> <p> _____ SIGNATURE</p> <p>Customer No. 021005 HAMILTON, BROOK, SMITH &amp; REYNOLDS, P.C. 530 Virginia Road P.O. Box 9133 Concord, MA 01742-9133</p> <p>David E. Brook _____ NAME</p> <p>22,592 _____ REGISTRATION NUMBER</p>		

10/552178

PATENT APPLICATION

Docket No.:3462.1015-000

JC09 Rec'd PCT/PTO 05 OCT 2005

IN THE UNITED STATES RECEIVING OFFICE (RO/US)  
Designated/Elected Office (DO/EO/US)

U.S. National Stage of

International Application No.: PCT/JP03/04458

International Filing Date: April 8, 2003

Earliest Priority Date Claimed: April 8, 2003

Applicants: Masaaki Oka, Yoshihiko Hamamoto, Norio Iizuka,  
Hisafumi Okabe and Kenji Hamada

Title: METHOD OF DEFINING THE DIFFERENTIATION  
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Attorney's Docket No.: 3462.1015-000

Date: 05 October 2005

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